Optical Fiber Coloring Inks For LED 395nm

Physical Properties:

Liquid Coating

- Viscosity (25°C) 2800cps
- Solid Content >99%
- Density (23°C) 1.15kg/l

Cured Film

- Modulus at 2.5% strain 350MPa
- Elongation 5%
- Tensile strength 16MPa
- Curing speed (at 95% of relative curing degree) ≤1.0J/cm²
- Density (23°C) 1.23kg/l

Packaging, Transportation, Storage

Packaging & Transportation Packaged in 1kg plastic bottle
Storage Conditions Stored between 0°C to 35°C for up to 12 months.
Safety Precautions Refer to packaging labels

Viscosity VS. Temperature

- K001D (Blue)
- K002D (Orange)
- K003D (Green)
- K004D (Brown)
- K005D (Grey)
- K006D (White)
- K007D (Red)
- K008D (Black)
- K009D (Yellow)
- K101D (Violet)
- K1011D (Pink)
- K1012D (Aqua)
Optical Fiber Coloring Inks For LED 395nm

This product is manufactured by our patented UV curable technology and the world’s leading production method. Quality control and testing are strictly executed throughout the whole process.

KI series optical fiber inks include the following colors:

- KI001D (Blue)
- KI002D (Orange)
- KI003D (Green)
- KI004D (Brown)
- KI005D (Grey)
- KI006D (White)
- KI007D (Red)
- KI008D (Black)
- KI009D (Yellow)
- KI010D (Violet)
- KI011D (Pink)
- KI012D (Aqua)

All twelve colors are in accordance with the Pantone color-order system. We can also offer customized colors according to customers’ special requirements.

<table>
<thead>
<tr>
<th>NO.</th>
<th>Color</th>
<th>Pantone Color-Order</th>
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</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>L</td>
</tr>
<tr>
<td>KI001D</td>
<td>Blue</td>
<td>33.1—46.1</td>
</tr>
<tr>
<td>KI002D</td>
<td>Orange</td>
<td>48.8—60.8</td>
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<tr>
<td>KI003D</td>
<td>Green</td>
<td>48.2—57.9</td>
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<tr>
<td>KI004D</td>
<td>Brown</td>
<td>27.9—41.0</td>
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<tr>
<td>KI005D</td>
<td>Grey</td>
<td>47.9—60.8</td>
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<td>KI006D</td>
<td>White</td>
<td>87.6—98.4</td>
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<td>KI007D</td>
<td>Red</td>
<td>37.4—49.1</td>
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<tr>
<td>KI008D</td>
<td>Black</td>
<td>22.5—30.3</td>
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<tr>
<td>KI009D</td>
<td>Yellow</td>
<td>72.7—83.6</td>
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<tr>
<td>KI010D</td>
<td>violet</td>
<td>50.0—60.5</td>
</tr>
<tr>
<td>KI011D</td>
<td>Pink</td>
<td>64.0—75.3</td>
</tr>
<tr>
<td>KI012D</td>
<td>Aqua</td>
<td>59.4—68.4</td>
</tr>
</tbody>
</table>

The data contained herein are based on Phichem lab test result and are believed to be reliable. Phichem recommends that the users take test to determine the suitability of a product in particular processing or application/use.